



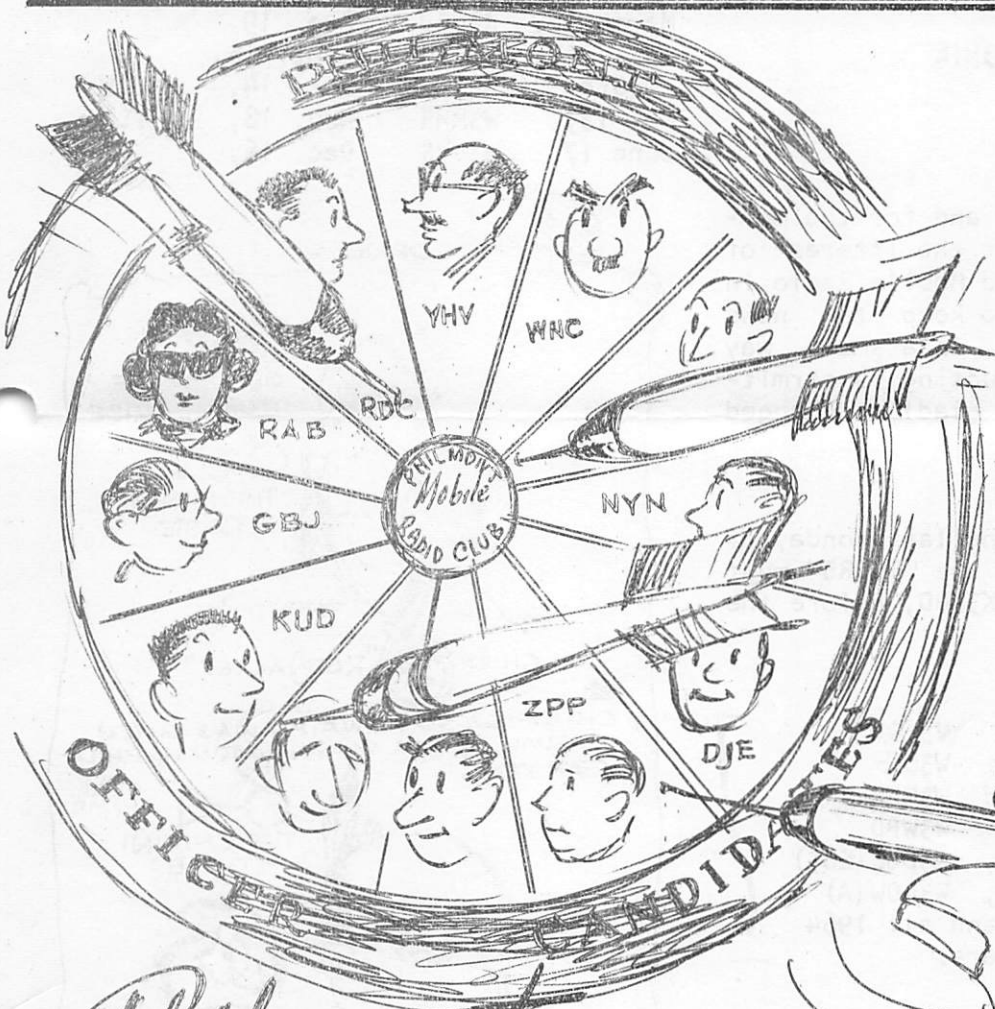
15<sup>TH</sup> Anniversary YEAR

# THE BLURB

AREA MEMBER



PHILMONT MOBILE RADIO CLUB INC.



1965

Philmont  
OFFICE

Candidates

VOLUME 14

NUMBER 11

**EDITOR**

R. G. Schmilleske, K3KUD  
528 Melody Lane  
Glenside, Pa. Telephone TU4-0190

**STAFF**

Publisher W3LEM  
Art Work 3Q0167  
Technical Editor K3GNM  
Technical Drawing WA2RDC

**CIRCULATION AND PRINTING**

Printers W3YHV, K3HIE  
Boss Stitcher W3VVS  
Collator W3QQH  
Typist K3AUW

The "BLURB" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted and subscriptions are gladly exchanged with other radio clubs.

**DEADLINES**

The "BLURB" is mailed on the last Monday of the month. All material for the "BLURB" must be received by the Editor, K3KUD, before the 15th of the month.

**1964 CLUB OFFICERS**

President: Ed Moore W3EQV  
Vice President: Al Hamilton W3GIF  
Treasurer: George Weed W3MHR  
Secretary: Al Lewis W3WPD  
Directors: W3QQH(E64), K3DJE(E65)  
W3YHV(E66), W3GOW(A)  
K3HIJ(A), and all 1964  
Club Officers.

**NET AND NET FREQUENCIES**

Channel 1 - 29.493 mc Channel 3 - 147.78 mc  
Channel 2 - 29.629 mc Channel 4 - 50.7 mc  
Orange Juice Net Weekdays 0700 - 0730  
Scrambled-Egg Net 0730 - 0830  
Ten-on-Ten Sundays 1000 - 1100  
Blarney sessions anytime All Channels  
29.493 kc 0930 - 2400  
Monitored daily for the benefit of mobiles  
in the Philadelphia area.

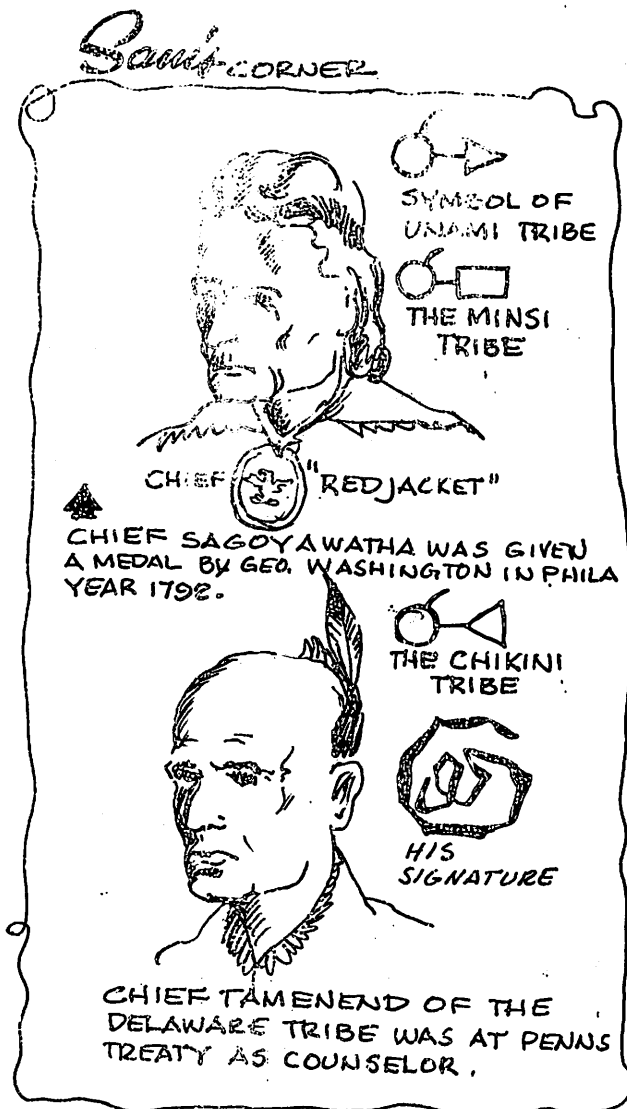
**P M R C C A L E N D A R**

**MEETINGS**

Regular Meetings: First Monday of  
each month  
Time: 2000 hours (8:00 p.m.)  
Place: THE FRANKLIN INSTITUTE  
20 & Benjamin Franklin Parkway

**MID-MONTH SCHEDULE**

Feb. 12, W3QQH	July 15, W3NIP
March 18, K3OEJ	Aug. 19,
April 15, W3WNC	Sept. 16,
(Stag Dinner)	Oct. 14, W3GOW
May 13, W3MHR	Nov. 18, W3FLP
June 17, W3VVS	Dec. 16,



## PREZ SEZ

From one or two recent conversations, comments have been heard suggesting that Phil-Mont is not what it used to be. This, I feel, is the FORTUNATE truth. Certainly the new '65 cars are not what they used to be! The minimum amateur wire-less station described in last month's BLURB by W3QV doesn't even vaguely resemble a KWM-2 or a Heath HW20 either. The noteworthy point, however, is that the driver of the '65 air-conditioned auto, with its luxurious power assists, will fare much better during and after 500 miles than he would in a 1920 Model T. In this same '65 car, hamming is infinitely superior with the KWM-2, than with a spark set.

The simple fact-nothing is "like it used to be". Some of us recognize this personally in those wrinkles under the eyes, the "crick" in the neck or knees; that somewhat blonde look of our hair which, to the other guy, looks gray.

To us Gumbaudies we should recognize that changes do occur, yea, must occur, even in Phil-Mont. That transmitter hunt, Field Day, balloon chase was fun once or even more than once. When it becomes routine however, the lustre vanishes. Then it is a chore. Look out ....this is boredom! That's when things had better change! Ever watch a TV re-run of last week's ballgame? The excitement is gone. You know every goof, each exciting play and worst of all, the final score.

Does Phil-Mont's changing bore you?

Have you helped CDY with the club sponsored junior ham club? Have you tried mobile sideband? Talk with enthused (old timers) NIP, GOW, EQV, YHV, HQJ, HFD? How about working with QQH on the new communication van, which sports sideband gear to relay 10 and 6 meter traffic worldwide - with air-conditioning yet! Are you going to help GOW, ZN, TKQ and the Bartol Research Foundation establish reliable ham communication from the South and North Poles to civilization? How about joining the enthusiastic MHR, CEE, QQH, IWO and others on 52.525 mc wide-band FM? Ask GIF, HWX, HIJ, DJE, MHR and others where United Nations station K3UN would be without Phil-Mont.

Phil-Mont and ham radio "ain't like it used to be" ...you bet! If you haven't changed with it, do so right away. Allow yourself the luxury of getting into some of these new activities. You will be convinced quite quickly that the changes Phil-Mont sponsors make Gumbaudies, old or new, younger, "Every Single Minute".

de W3EQV

\* \* \* \* \*

## IT SEEMS TO ME

If the following reflects a bit of nostalgia, or even homesickness, I hope that you will forgive me, for I am writing in a hotel room 5000 miles from home. When I arrived in Brazil two weeks ago I knew no one, but I had with me an amateur radio call, PYLHX, a name and an address. I didn't even know in what part of the city of Rio de Janiero the address was located, so I wrote a short note, signed my name and call and mailed it. That was when I was once again amazed by the brotherhood of this group to which we all belong. I received a phone call from PYLAQT who told me that PYLHX had asked him to call because he spoke better English. The next night I was picked up at my hotel and taken to the home of PYLAQT where I met PYLHX and PYLCCO. I was treated as an old friend and these fellows did their best to get a call into W3 territory. After a very pleasant evening I returned to the hotel, very proud to be a member of a fraternity where age, language and nationality are no bar to friendship. Experiences like this do much toward making these DX trips more interesting and enjoyable and they certainly make one happy with his hobby and those who share it.

## NEWS AND ACTIVITIES

Phil-Mont Calender for November, 1964:

Monday, Nov. 2	8:00 PM	Regular meeting at Franklin Institute
Wednesday, Nov. 18	8:00 PM	Mid-month meeting at W3FLP
Monday, Nov. 30	8:00 PM	BLURB folding at W3LEW

\* \* \* \* \*

The Nominating Committee announces the following list of candidates for office for 1965:

President: W3GTF	Secretary: K3CEE	Treasurer: W3GOW
W3HFX	K3HIE	K3SZJ
W3MHR	WA2RDC	K3UWQ
W3ZHV		

Directors: (To serve for 3 years) W3AJQ; K3GNM; W3OWK

Additional nominations may be made from the floor during the meeting or by petition signed by five members in good standing, submitted prior to November 15, 1964.

Please note the following excerpt from the by-laws:

"Section 7 -- Absentee voting. Absentee voting may be accomplished by an official ballot provided for the purpose, signed by the absentee, and mailed to the Judge of Elections who shall advise the tally clerk(s) of the manner in which the vote was cast, and direct that it be counted in the same manner as if the absent member were present. A ballot shall be deemed to be signed if it is enclosed in a sealed envelope signed by the absentee."

An official absentee ballot appears elsewhere in this issue of the BLURB in order that it may be used where necessary and mailed in sufficient time to reach the Judge of Elections prior to the December meeting.

The Judge of Elections for this year is John Tinaglia, W3AWH; 200 Glenn Road; Ardmore.

\* \* \* \* \*

The regular meeting for November will, of course, feature the nomination of officers for the coming year. In addition, the Program Committee has scheduled talks by W3NIP and W3QQH. As always, there just might be a surprise or two ....why don't you plan to attend?

\* \* \* \* \*

The October meeting, held at the Franklin Institute, was our annual Auction Night. The items presented for sale caused some spirited bidding and all-in-all, a good time was had by all present. After some mathematical gymnastics by our treasurer and his helper it was discovered that the club treasury had benefitted by all the activity and that the meeting a success for all concerned.

\* \* \* \* \*

Please note that the mid-month meeting for November will be at the home of Ralph Garrick, W3FLP. This is changed from the mid-month schedule listed on the masthead page. The date remains unchanged -- November 18.

\* \* \* \* \*

NEWS AND ACTIVITIES (continued)

W3RQZ/3 participated in the Montgomery County Simulated Emergency Test on Sunday, October 4. The station operated for over one hour using the generator, during the period when commercial power was assumed to be unavailable. Thanks to W3's QQH, VVS, MHR, and ZZI, for getting us on the air.

\* \* \* \* \*

Please correct your Phil-Mont Directories to show the following telephone number for Al Hamilton, W3GIF:

CH-7-3858 (Home)

The number presently listed is incorrect.

\* \* \* \* \*

Take a few minutes to drop a card of cheer to Mrs. Lloyd Sherman (XYL of W3CDY). She is a patient at the Riverview Hospital, Norristown, Pa., and a card to that address will find her and be greatly appreciated.

\* \* \* \* \*

The following report on the Simulated Emergency Test is submitted by Dick, W3UMK:

Delaware, Montgomery and Philadelphia Counties all held their SET on Sunday, October 4. According to first reports, Philadelphia bettered its last year's score by ten points, Delaware County really didn't participate last year and Montgomery County went up by eight points.

Point totals:	Delaware County	579
	Montgomery County	621
	Philadelphia County	409

\* \* \* \* \*

October mid-month meeting was held on October 14 at the home of Bob Pattison, W3WUX. Twenty members attended and a great deal of business was covered despite the early hour at which the meeting ended. Reports were presented by the Banquet and Sweepstakes Committees, but will not be published here since by the time this edition is distributed, the results of their efforts will be well known to all.

\* \* \* \* \*

Progress is being made in the arranging of a communications set-up with personnel of The Bartol Research Foundation stationed at the North and South Poles. Charlie, W3GOW, is handling the details for the club. Anyone interested in joining the fun and at the same time, rendering a much needed service, should contact him.

\* \* \* \* \*

Make sure that the antennas are all in good shape for the coming months. It will soon be too cold to climb up on the roof or tower and it may be a long cold winter without the old "skyhook".

\* \* \* \* \*

## NEWS AND ACTIVITIES (continued)

UN Week this year was celebrated by the local ham fraternity by the operation of station K3UN from a new location at Gimbel's Cheltenham. A great deal of credit is due Joe Elmaleh, K3HIJ, and Bob Mynster, K3UWO, who, in spite of several initial rebuffs, persisted and finally made the necessary arrangements.

\* \* \* \* \*

Dick, W3UMK, informs us that Doylestown Airport is no longer being used for balloon launchings due to extremely high charges levied. New arrangements have been made with Wings Field and any future balloon chases will probably start from there. This should make it easier for many of the "old guard" to join in the fun and excitement. Dick says that until you have made at least one chase you just don't know what you are missing.

\* \* \* \* \*

The Annual Ten-On-Ten Roundup, this year held on September 27, was a great success. A total of 176 transmitters were checked in during a two hour period. This is the best response that this event has ever had and we hope that each year in the future will continue to show similar gains. This is an excellent way to show just how many stations are available in the event of an emergency.

\* \* \* \* \*

A full report on the 15th Anniversary Dinner-Dance will appear in next month's BLURB. The late date of the banquet in relation to printing and mailing deadlines make this arrangement necessary.

\* \* \* \* \*

## NEW PRODUCTS

General Electric announces a "third hand" for radio and television technicians. Essentially a large enameled steel clip, this device will hold either small parts or solder, giving the technician, in effect, a "third hand". This service aid can be either screwed to the edge of the work bench, or used self-supporting — positioned on any flat surface. It will hold parts in position until the solder "sets". Suggested user price is 35¢ and it is available at distributors.

\* \* \* \* \*

Comaire Electronics has introduced a new filter unit called the T-2 for two meters and T-6 for six meters. The filter is used in TV lead-in and does not require tuning or adjusting in any way to obtain 40 db attenuation of ham signals. The unit is shielded and the input and output impedance matches 300 ohm ribbon.

(Pack Rats Cheese Bits)

\* \* \* \* \*

## TID-BITS

Body heat controls the frequency of a tiny radio transmitter which is capable of sending signals across North America. Developed by the Communications Systems Division of RCA, the eleven ounce transmitter and antenna fits into a shirt pocket. When it is to be used, the operator places a miniature metal container, linked to the transmitter and containing frequency-determining xtals under his arm. At this area of the body, a high degree of temperature stability exists - vital to frequency control. Success of the long-range transmitter is based on using the stable high-frequency skywave medium for extremely narrow bandwidth reception.

\* \* \* \* \*

Do you have a fire-extinguisher in your shack? Many hams do not, and yet for a very small investment you can possibly save hundreds of dollars of damage to your equipment. Fire-extinguishers are much like insurance - so long as you don't need it, it's money spent for nothing, but then when the need arises it becomes an excellent investment.

Today there are many inexpensive but very effective extinguishers available, ranging from a plastic squeeze bottle containing a dry powder agent to the most sophisticated CO2 bottles. Carbon Tetrachloride extinguishers are not recommended, particularly for use in confined spaces, since this agent releases phosgene gas when in contact with extreme temperatures and this gas is often responsible for liver damage when inhaled.

\* \* \* \* \*

The following is an official ballot for absentee voting in the annual Phil-Mont election. Try to be with us for the elction, but if you cannot be present use the ballot below and mail it to the Judge of Elections in sufficient time for the December meeting.

### O F F I C I A L   A B S E N T E E   B A L L O T

I hereby cast my vote for the following nominees for office in the Phil-Mont Mobile Radio Club, Inc. for the year 1965

PRESIDENT _____	TREASURER _____
SECRETARY _____	DIRECTOR _____

Signed \_\_\_\_\_

\* \* \* \* \*

## TID-BITS

SSB signal cleanliness The most common cause of unclean signals is over-driving. This can result from setting the audio gain too high, or the IF gain in an SSB exciter, or by faulty ALC circuit, or too much dependence on ALC with a high gain control setting. Use of an audio compressor ahead of the SSB exciter will do more to avoid generation of spurious products than will ALC, whose adjustments can change with loading or frequency.

A recommended way to check for signal cleanliness is to play high fidelity music into the transmitter (be sure that the dummy load can't radiate it!!) and listen to it on your own receiver. With any "ear" at all, distortion will be apparent, and much more so than on voice.

de W3UMK

\* \* \* \* \*

Operating keyers A keyer, when mastered, is a pleasure to copy, but few stations can claim this mastery. The most common flaw, and the most devastating, is lack of proper spacing between letters and words. Spacing should be closely monitored.

You cannot become proficient with a keyer if you keep changing speeds; find one that suits you and don't change speeds unless absolutely necessary.

(Traffic Lines via Washington Amateur  
Radio News)

\* \* \* \* \*

## BALLOON CHASE

Jim Spencer, W3QQH, with Elaine and family, and Dick Behrens, W3UMK, represented the Balloonatics and had a good chase up inot Lower Bucks County and across the river into New Jersey. Jim, as usual, kept his associate informed as to where they both were going, and since Dick was all alone this was both necessary and informative.

Highlight of the event was the take-off, which was one of the bumpiest on record. As Tony Fairbanks seemed to get the balloon up nicely, he lost lift and smashed into a car parked along the edge of the park, very close to where Jim was also parked. Paul, W3VVS, reported that one Buick fender was pretty badly banged-up, but no casualties to those in the basket were reported.

At the intermediate landing point in Bucks County, personnel in the balloon was shifted, and the new pilot kept going up, up and up, to what Tony Fairbanks said was the pressure point. The extreme elevation made it clear that the balloon would cross the river, so both mobiles crossed at Trenton, with W3UMK the first to re-spot the balloon south and east of Trenton. W3QQH soon rejoined, but both lost the balloon in the haze. After about 20 minutes of circling near Emlaystown the balloon was observed at low elevation and both mobiles were able to find it only a few minutes after the landing.

Brad, W3QV, was in touch and monitoring most of the way; Jim, W3ZZI, held the fort at the park until W3UMK arrived from center city; and since K3GBA was not around, "H", K3BRR welcomed the mobiles to Bucks County and relayed a message after the final landing. Total time of the chase was five hours.

\* \* \* \* \*

## SWAP AND SHOP

For sale: Heath HR-20 receiver, SSB, AM, CW-all bands.  
Excellent condition.

\$100.00

Heath HP-10 transistorized power supply. 12 VDC  
Like new,

\$ 35.00

Contact Bill Bubeck, W3YHV

SWAP AND SHOP (continued)

For sale: National NC-300 receiver w/xtal calibrator,  
(XCU 300) and 6 meter converter (300 C6);  
2 meter converter (300 C2) and converter  
switching cabinet. Good condition, very  
good price. \$225.00

Millen 90810 - 2, 6, 10 meter transmitter.  
829B final. \$ 35.00

Contact W3KV  
EL-6-4938

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For sale: Heathkit FM tuner, Model FM-2-covers 88-108 mc.  
With manual. \$ 12.00

Complete Channel 1 intercom transmitter/receiver.  
110 VAC, 60 watts input, plate modulated. Receiver  
xtal controlled with provision for additional channel  
simultaneous operation. Noise balanced squelch. Complete  
with instruction manual. \$ 90.00

Contact W3QQH  
TU-4-8469

---

For sale: CLUB PROPERTY  
3 kw generator mounted in fully enclosed  $\frac{1}{2}$  ton trailer.  
Motor generator, Onan Model W2C, 2 cylinder, watercooled.  
Coil type ignition, electric start, 6 volt battery incl.  
Trailer contains generator; voltage, current, frequency;  
and running time meters; circuit breakers, wheel chocks,  
jacks and running lights. \$400.00

Hammarlund Super-Pro receiver, 540 kc to 20 mc.  
Excellent condition with p/s and manual. \$100.00

Contact W3QQH  
TU-4-8469

---

For sale: B & W 5100-B transmitter with 5LSBB sideband gener-  
ator.  
Excellent condition \$325.00

Contact W3NIP  
EL-6-8530

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## SWAP AND SHOP (continued)

For sale: 1949 Chevrolet Parkwood Station Wagon. Two-tone blue, automatic transmission, w/w tires, safety belts. Fully suppressed for mobile operation.

\$500.00

Art Garner, K3OEJ  
HI-6-7144

-----  
Wanted: Home intercom, 2 or 3 units. Must be reasonable.

Sam Kunceovich  
c/o The BLURB

## CHANNEL CHATTER

Mark, K3TPS, being heard 10 meter mobile, is the son of Harold, W3ETA ---W3ZZI, Jim, is presently in Thailand --- Bob, K3KUD, back from Brazil and trying to avoid a trip to Turkey --- Chuck, W3NIP, in evidence again after a trip to Milwaukee and George, W3PXY has returned from California ---Just when it looks like they're all back, another group takes off -- this sure is a traveling club! ---Bob, W3IW, has returned home after a sojourn in the Lankenau Hospital. While there, Bob used a portable rig on Channel 1. ---Bob, K3CEE, a member of SPURT Car Set, finding that the bug wouldn't take him to school -- seems you need an axle on each side. ---George, W3BYB, is now a neighbor of W3QQH. George's wife and four of their six children are hams -- egad, think of the QRM! ---Bob, K3CEE, was Johnny-on-the-spot recently when W3ADX (Brand X member) came upon an accident on the Expressway at 11:30 PM. State Police and an ambulance arrived within five minutes. Wonder if ADX tried 29520 and couldn't get an answer, or whether he was testing our Every Single Minute publicity?---K3GBA, Sam, trying to locate Saddle Brook, N.J. for W3AES/m as he went speeding up the New Jersey Turnpike---Ernie, W3DSG, reporting an accident which W3CW/m had passed (Every Single Minute!)---Jim, W3QQH, pouring concrete for a tower after all these years -- looks like he might make it this time.---Brad, W3QV, alerting Bill, K3HIE/m to the fact that there was a fire in progress across the street from his (Bill's) house -- just so he wouldn't get too upset when he arrived home and saw all the fire trucks---Paul, W3VVS, working in Fort Washington, which is real close to home---Kass Electronics moving to a new location, and "Ham" Beurger having open house -- both on the day of Phil-Mont's banquet, no less. ---Sam Kunceovich, our intrepid artist, giving it the old college try at K3NYN Ham School.

Thanks to Elaine Spencer for a real big assist on the above. (Ed)

\* \* \* \* \*

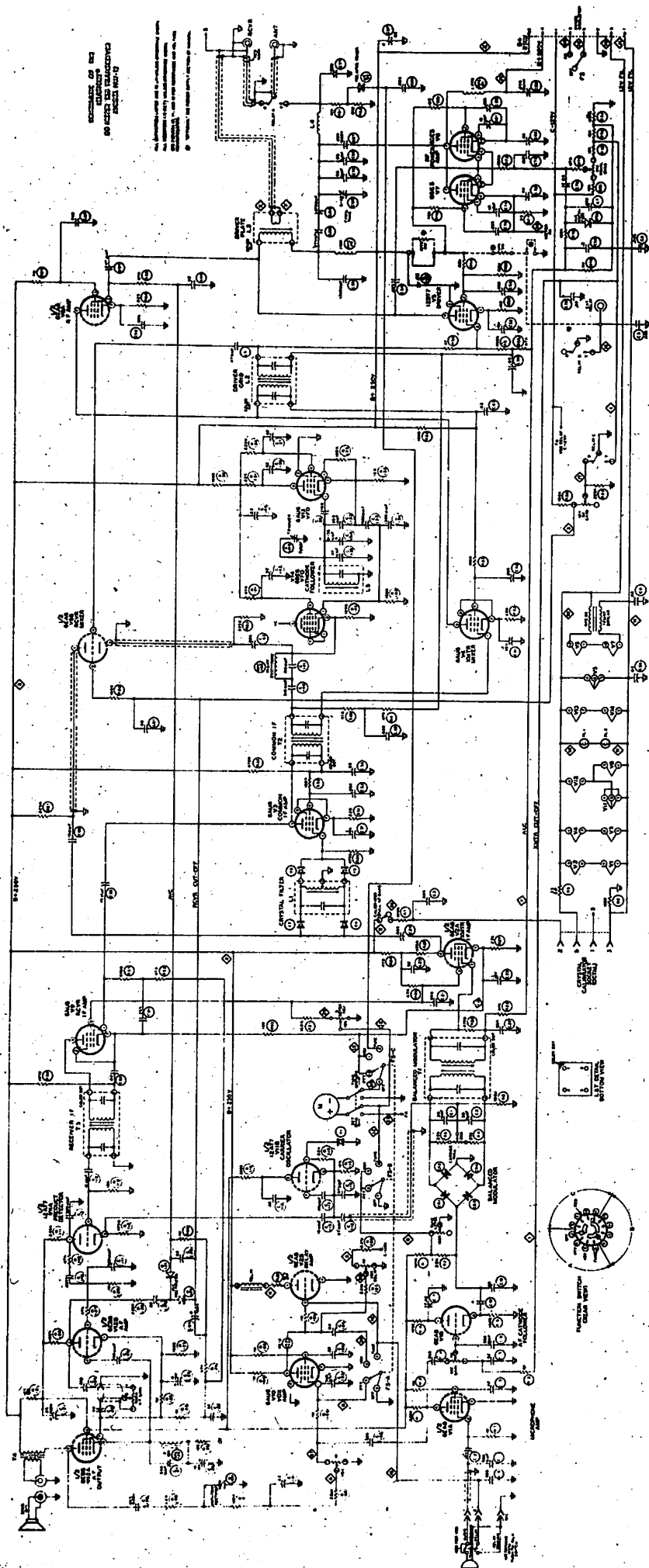
## NEW PUBLICATION

"FM Transmitters and Receivers" -- A detailed manual on operation and maintenance of FM radio transmitters and receivers. Direct and indirect methods of producing frequency modulation are set forth; and the basic circuit of FM transmitters, along with examples of complete and typical sending sets, are included. The section on receivers covers amplifiers, mixers and converters, tuning, alignment and other related points.

U.S. Government Printing Office Cat. No. D 101.11:11-668

Price: \$1.50

# TECHNIGRAM Nov. 1964



HW-12

TIME VALUE

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10 No. YORK RD. WILLOW GROVE PA.



PHIL-MONT MOBILE RADIO CLUB INC.